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|---|--|-----------------------------|------------------|-------------|-------|--|--|--|--|
| UTILITY   | Attorney Docket No.                            | GEMS:0120/yod<br>15-EC-5771 | Total Pages      | 73          |       |  |  |  |  |
| PATENT APPLICATION  | First Named Inventor or Application Identifier |                             |                  |             |       |  |  |  |  |
| TRANSMITTAL   | Raymond Kelley et al.                          |                             |                  |             |       |  |  |  |  |
| (Only for new nonprovisional applications under 37 CFR 1.53(b))   | Express Mail Label No.                         | EL 652 334 819 U            | S                |             |       |  |  |  |  |

| APPLICATION ELEMENTS   |         |   |                             |              | Assistant Commissioner for Patents |                            |              |  |   |  |
|--|---------|---|-----------------------------|--------------|------------------------------------|----------------------------|--------------|--|---|--|
| See MPEP chapter 600 concerning utility patent application contents. |         | ADDR  | RESS TO                     |              | rt Applicati                       |                            |              |  |   |  |
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| 1.   | Ø       | Fee Transmittal Form  |                             | 6            | П                                  |                            |              | ogram (Appendix)                                 | _ |  |
|  | 22      | (Submit an original, and a duplicate for fee  | nmoessinn)                  | ٥.           | ш                                  | Microlitie Con             | nputer ris   | ogram (Appendix)                                 |   |  |
| 2  | Ø       | Specification Total Pages   |                             | 7.           |                                    | Nucleotide and             | l/or Amino   | Acid Sequence Submission                         |   |  |
| ~-   |         | (preferred arrangement set forth below)   | 30                          |              |                                    | (if applicable, all n      |              | Acid Sequence Submission                         |   |  |
|  |         | -Descriptive  |                             |              |                                    | (ii applicavia, ali ii     | lecessary)   |  |   |  |
|  |         | -Cross References to Related Appli  | cation                      |              |                                    | Commission !               |              | •  |   |  |
|  |         | -Statement Regarding Fed sponsor  |                             |              | a.<br>b.                           | ☐ Computer I               |              | al to computer copy)                             |   |  |
|  |         | -Reference to Microfiche Appendix   |                             |              | G.                                 |                            |              | al to computer copy)<br>identity of above copies |   |  |
|  |         | -Background of the Invention  |                             |              | G.                                 | □ Statement                | ventying i   | identity of above copies                         |   |  |
|  |         | -Brief Summary of the Invention   |                             |              |                                    |                            |              |  |   |  |
|  |         | <ul> <li>Brief Description of the Drawings (</li> <li>Detailed Description</li> </ul> | f filed)                    |              |                                    |                            |              |  |   |  |
|  |         | -Detailed Description<br>-Claim(s)  |                             |              |                                    |                            |              |  |   |  |
|  |         | -Abstract of the Disclosure   |                             |              |                                    |                            |              |  |   |  |
|  |         |   |                             |              |                                    | ACCOMPANY                  | ING APPI     | LICATION PARTS                                   | - |  |
| 3.   | Ø       | Drawing(s) (35 USC 113)   | Total Sheets 5              | 8.           | ×                                  |                            |              | er sheet & document(s))                          | - |  |
| ٥.   | 24      |   | Total Pages 15              | ٠.           | E3                                 | Assignment r a             | ipeis (cov   | er sneet & document(s))                          | - |  |
|  |         |   | _                           | 9.           |                                    | 37 CFR 3.73(b)             | Stateme      | nt Department Department Department              |   |  |
|  |         |   |                             | - 1          |                                    | (where there is an         | assignee)    | · ·  |   |  |
| 4.   |         | or Declaration  |                             | 10.          |                                    |                            |              | ument (if applicable)                            | 1 |  |
|  | a.      | Newly executed (original or   | copy)                       | 11.          |                                    | Information Dis            |              | ☐ Copies of IDS                                  |   |  |
|  | b.      | Copy from a prior applicati   | on (37CFR 1.63(d))          | - 1          |                                    | Statement (IDS             | S)/PTO-14    | 149 Citations                                    |   |  |
|  |         | (for continuation/divisional with Box 1.  |                             | - 1          |                                    |                            |              |  |   |  |
|  |         | i. DELETION OF INVENT   |                             | 12.          | П                                  | Preliminary Am             | endment      |  |   |  |
|  |         | Signed statement at   |                             | 1            | _                                  |                            |              |  |   |  |
|  |         | inventor(s) named in the prior a  | application.                | - 1          |                                    |                            |              |  |   |  |
|  |         | see 37 CFR 1.63(d)(2) and 1.3   |                             | 1            |                                    |                            |              |  | ı |  |
|  |         |   | . ,                         | 13.          | $\boxtimes$                        | Return Receipt             | Postcard     | (MPEP 503)                                       |   |  |
| 5.   |         | Incorporation By Reference (use   |                             | 14.          |                                    |                            |              | nent filed in prior application                  |   |  |
|  |         | The entire disclosure of the prior ap   | plication, from which a     | - 1          | _                                  | Statement(s)               |              | still proper and desired                         |   |  |
|  |         | copy of the oath or declaration is su   | pplied under Box 4b,        | 1            |                                    |                            | -            |  |   |  |
|  |         | is considered as being part of the di   | sclosure of the             | 1            |                                    |                            |              |  |   |  |
|  |         | accompanying application and is he<br>reference therein.                              | reby incorporated by        | -            |                                    |                            |              |  |   |  |
|  |         | reference therein,  |                             | 15.          | П                                  | Certified Copy             | of Driority  | Document(e)                                      |   |  |
|  |         |   |                             | 1            |                                    | (if foreign priority is al |              | Document(3)                                      | 1 |  |
|  |         |   |                             | 16           |                                    | Other                      |              |  |   |  |
| 17.  | □ c     | ontinuation   | Divisional                  |              |                                    | tion-in-part (CIP) of      | prior applic | cation No:/                                      |   |  |
|  |         |   | 18. CORRESE                 | ONDE         | ICE A                              |                            |              |  |   |  |
|  | Custom  | er Number or Bar Code Label   |                             |              |                                    | $\boxtimes$                | Correspond   | dence address below                              | ٦ |  |
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|  |         |   | DOT COULDING FEE: OF FRIEDS |              | - CI FIGURE                        |                            |              |  |   |  |
| NAME Patrick S. Yoder  |         |   |                             |              |                                    |                            |              |  |   |  |
| Fletcher, Yoder & Van Someren  |         |   |                             |              |                                    |                            |              |  | _ |  |
| ADDRESS P.O. Box 692289  |         |   |                             |              |                                    |                            |              |  | _ |  |
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|-------------|-------------|--------------|---------------|--------------------------------|-------------|------------------------------|-------------|--|-------------|----------------------|---|----------------------|
|             |             |              |               |                                |             |                              |             |  |             |                      | plete if Known  |                      |
|             |             |              |               |                                |             |                              | Appl        | ication                                    | Num         |                      | unassigned  |                      |
|             |             | FEE          | TRA           | NSMIT                          | TAL         |                              | Filing      | g Date                                     |             |                      | herewith  |                      |
|             |             |              |               |                                |             |                              | First       | First Named Inventor Raymond Kelley et al. |             |                      |   |                      |
|             |             |              |               |                                |             |                              | Grou        | Group Art Unit unknown                     |             |                      |   |                      |
|             |             |              |               |                                |             |                              | Exan        | niner Na                                   | me          |                      | unknown   |                      |
| TOTA        | L AMO       | UNT OF PA    | YMENT         | (\$) 1,42                      | 1.00        |                              | Attori      | ney Doo                                    | ket N       | umber                | GEMS:0120/YOD (15-E   | C-5771)              |
|             |             | METHO        | D OF PA       | YMENT (cl                      | eck one     | e)                           |             |  | FEE         | CALC                 | ULATION (continued)   |                      |
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|             |             |              |               | r payments to                  |             | -                            | Large       | Entity                                     | Small       | Entity               | -   |                      |
| Depo        | unt.        | 07-0845/     | GEMS:0        | 120/YOD (                      | 15-EC-5     | (//1)                        | Fee<br>Code | Fee<br>(\$)                                | Fee<br>Code | Fee (\$)             | Fee Description   | Fee Paid             |
| Numb        | er          |              |               |                                |             |                              | 105         | 130  | 205         | 65                   | Surcharge - late filing fee or oath                                 |                      |
| Depo        |             | GE Medic     | al System     | s                              |             |                              | 127         | 50   | 227         | 25                   | Surcharge - late provisional filing<br>or cover sheet.              |                      |
| Name        | ,           |              |               |                                |             |                              | 139         | 130  | 139         |                      | Non-English specification   |                      |
|             |             | Any Addition |               |                                |             | Fee Set in 37 lailing of the | 147         | 2,520                                      |             |                      | For filing a request for<br>reexamination                           |                      |
| Ċ           | CFR 1.1     | 6 and 1.17   | Si .          |                                |             | e, 37 CFR                    | 112         | 920'                                       | 112         | 920                  | Requesting publication of SIR<br>prior to Examiner action           |                      |
| 2           | . 🗆         | Payment      | Enclose       |                                |             |                              | 113         | 1,840                                      | 113         |                      | Requesting publication of SIR<br>after Examiner action              |                      |
|             |             | Check        | ☐ Mo          | ney Order                      | Oth         | er                           | 115         | 110  | 215         |                      | Extension for response<br>within first month                        |                      |
|             | EEE         | CALCII       | LATION        | (fees effec                    | ivo 10/0    | 1/00)                        | 116         | 400  | 216         |                      | Extension for response<br>within second month                       |                      |
|             |             | IG FEE       | LATION        | (lees ellec                    | ive 10/0    | 71700)                       | 117         | 950  | 217         |                      | Extension for response<br>within third month                        |                      |
| Large       |             |              | all Entity    |                                |             |                              | 118         | 1,570                                      | 218         |                      | Extension for response<br>within fourth month                       |                      |
| Fee         | Fee         | Fee          | Fee           | Fee Descr                      | ption       | Fee Paid                     | 119         | 310  | 219         | 155                  | Notice of Appeal  |                      |
| Code<br>101 | (\$)<br>690 | Code<br>201  | (\$)<br>395   | Utility filing                 | fee         | 710 00                       | 120         | 310  | 220         | 155                  | Filing a brief in support<br>of an appeal                           |                      |
| 106         | 330         | 206          |               | Design filin                   |             | 11000                        | 121         | 270  | 221         |                      | Request for oral hearing  |                      |
| 107         | 540         | 207          | 270           | Plant filing                   |             |                              | 138         | 1,510                                      | 138         | 1,510                | Petition to institute a public                                      |                      |
| 108         | 790         | 208          |               | Reissue fili                   |             |                              | 140         | 110  | 240         |                      | use proceeding<br>Petition to revive unavoidably                    |                      |
| 114         | 150         | 214          |               | Provisional                    |             |                              | 141         | 1,320                                      | 241         |                      | abandoned application Petition to revive unintentionally            |                      |
|             |             |              |               | SUBTOTAL (                     | 1)          | (\$) <u>710.00</u>           | 142         | 1,320                                      | 242         |                      | abandoned application   |                      |
| 2           | CLA         | MS           |               |                                |             |                              | 142         | 450  | 242         |                      | Utility issue fee (or reissue)<br>Design issue fee                  |                      |
|             |             |              | _             | Fee fron                       | 1           | Fee Paid                     | 144         | 670  | 244         |                      | Plant issue fee   |                      |
| T-4-1 C     | d-i         | 53 -20 =     | Extra         | below<br>X 18                  |             |                              | 122         | 130  | 122         | 130                  | Petitions to the Commissioner                                       |                      |
| Indepe      |             | 4 - 3=       | 33<br>1       | X <u>18</u><br>X <u>80</u>     | -           | 594.00<br>80.00              | 123         | 50   | 123         |                      | Petitions related to provisional<br>applications                    |                      |
| Claims      | a Denor     | ident Claims |               | x                              | _           |                              | 126         | 240  | 126         |                      | Submission of Information<br>Disclosure Stmt                        |                      |
| Large       |             |              | II Entity     | ^ —                            | -           |                              | 581         | 40   | 581         | 40                   | Recording each patent   | 40 00                |
| Fee<br>Code | Fee<br>(\$) | Fee<br>Code  | Fee<br>(\$)   | Fee Descri                     | ption       |                              |             |  |             |                      | assignment per property (times<br>number of properties)             |                      |
| 103         | 18          | 203          | 11            | Claims in e                    | cess of 2   | 0                            | 146         | 790  | 246         |                      | Filing a submission after final<br>rejection (37 CFR 1.129(a))      |                      |
| 102         | 78          | 202          | 41            | Independer<br>excess of 3      | t claims in |                              | 149         | 790  | 249         | 1                    | For each additional invention to be examined                        |                      |
| 104         | 270         | 204          | 135           | Multiple de                    | endent da   | aim                          |             |  | 14.5        |                      | (37 CFR 1.129(b))   |                      |
| 109         | 82          | 209          | 41            | Reissue inde<br>claims over o  |             | nt                           |             | r fee (speo<br>r fee (speo                 |             | _                    |   |                      |
| 110         | 22          | 210          | 11            | Reissue clain<br>of 20 and ove |             |                              | * P.        | duced !                                    | hy Da       | oio Eill-            | SUBTOTAL (3)<br>ng Fee Paid   | (\$) <u>40.00</u>    |
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| SUBMI       | TTED E      | Υ            |               |                                |             |                              |             |  |             |                      | Complete (i   | f applicable)        |
| Typed       | or Printe   | d Name       | Patrick S.    | Yoder                          |             |                              | Reg Nu      | ımber                                      | 37,-        | 179                  |   | .,,                  |
| Cignot      | ino         |              |               |                                |             |                              | D.4. T      | D  | 100.0       | 000   0              |   |                      |

| SUBMITTED BY          |                  |       |         |            |                       | Complete (if applicable)           |
|-----------------------|------------------|-------|---------|------------|-----------------------|------------------------------------|
| Typed or Printed Name | Patrick S. Yoder | Reg N | lumber  | 37,479     |                       |                                    |
| Signature             | 79               | Date  | Decembe | r 22, 2000 | Deposit Acct. User ID | 07-0845/GEMS:0120/<br>(15-EC-5771) |